

**IN THE CLAIMS**

The claims pending in the application are reproduced below for the convenience of the Examiner.

Please cancel claims 5-50 without prejudice.

1. (original) A system for detecting a rub in a turbomachine comprising:  
a turbomachine;  
sensors monitoring turbomachine conditions; and  
an on site monitor in communication with the sensors, and loaded with  
instructions to implement a method for detecting a rub in the turbomachine.

2. (original) The system of claim 1 further comprising a server in  
communication with the on site monitor via an internet.

3. (original) A method for detecting a rub in a turbomachine, the method  
comprising:  
monitoring turbomachine conditions; and  
determining whether a rub is occurring.

4. (original) a storage medium encoded with a machine-readable  
computer program code for detecting a rub in a turbomachine, the storage medium  
including instructions for causing a computer to implement a method comprising:  
obtaining data indicating turbomachine conditions; and determining whether a rub  
is occurring.

5. – 50. (canceled).